



SEQUENCE LISTING

<110> The Government of the United States of America, as represented by The Secretary of the Department of Health and Human Services

Kashmiri, Syed V.S.

Padlan, Eduardo A.

Jeffery, Schlom

<120> VARIANTS OF HUMANIZED ANTI-CARCINOMA MONOCLONAL ANTIBODY CC49

<130> 4239-61725

<140> US 09/830,748

<141> 2001-04-30

<150> PCT/ US99/25552

<151> 1999-10-29

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<151> 1998-10-31

<160> 44

<170> PatentIn version 3.1

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<213> Mus musculus

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Ala

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<213> Mus musculus

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Ala

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Gly Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln  
35 40 45

Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ala Arg Glu Ser Gly Val  
50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr  
65 70 75 80

Ile Ser Ser Val Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln  
85 90 95

Tyr Tyr Ser Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu  
100 105 110

Lys

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<211> 115

<212> PRT

<213> Mus musculus

<400> 14

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Ala Ile His Trp Val Lys Gln Asn Pro Gly Gln Arg Leu Glu Trp Ile  
 35 40 45

Gly Tyr Phe Ser Pro Gly Asn Asp Asp Phe Lys Tyr Asn Glu Arg Phe  
 50 55 60

Lys Gly Lys Ala Thr Leu Thr Ala Asp Thr Ser Ala Ser Thr Ala Tyr  
 65 70 75 80

Val Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys  
 85 90 95

Thr Arg Ser Leu Asn Met Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr  
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Val Ser Ser  
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 gcc 123

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 <212> DNA  
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<400> 23  
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<210> 24  
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<210> 25  
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<400> 33

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Glu Arg Ala Thr Ile Asn Cys  
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<210> 34

<211> 15

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<213> Homo sapiens

<400> 34

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<210> 35  
<211> 32  
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<400> 35

Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr  
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Leu Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys  
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<210> 36  
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<213> Homo sapiens

<400> 36

Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys  
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<210> 37  
<211> 30  
<212> PRT  
<213> Homo sapiens

<400> 37

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Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr  
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<400> 38

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<211> 32  
<212> PRT  
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Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg  
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<212> PRT

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<212> DNA

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<212> DNA

<213> Mus musculus

<400> 42

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tgcccagtaa atcagcagtt tagggctctg ccctggtttc tgctgatacc aggcgagata	240
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cactgcctac gtggagctct ccagcctgag atccgaggat actgcagtgt acttctgcac	360
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